

ABSTRACT OF DISCLOSURE

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... n of the pump.

A liquid cooling system for cooling a high heat generating body, such as a semiconductor element or the like, used in an electronic apparatus being small and thin in sizes, or a personal computer equipped with such the structure therein, comprising a pump of reciprocal movement type, a heat receiving jacket, a heat radiation pipe, and a connector pipe for connecting those parts with one another, wherein those are disposed to form a closed loop and are filled up with cooling liquid therein, and ΔV_s is equal to or greater than ΔV_p , defining that inner volume change when the pump emits pulsation therefrom is the ΔV_p , that pressure caused accompanying with the volume change is P , and that volume change due to the pressure P in flow passage of the cooling liquid ΔV_p other than portion of the pump.